## JC04 Rec'd PCT/PTO 28 JUL 2005

| FORM PTO-1390 U.S. DEI (REV 10-94)   | PARTMENT OF COMMERCE PATENT AND TRADEMARK (      |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES  |  | 10921.343USWO  |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |  |  |  |  |  |  |  |  |
| CONCERNING A FILING UNDER 33 U.S.C. 371  |  | U.S. APPLICATIONING TIF known see-17 C.F.R. (5)            |  |  |  |  |  |  |
|  |  | Unknown 7 3 4 4 U 8 9                                      |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.  | INTERNATIONAL FILING DATE                        | PRIORITY DATE CLAIMED 31 January 2003                      |  |  |  |  |  |  |
| PCT/JP2004/000724  | CT/JP2004/000724 27 January 2004                 |  |  |  |  |  |  |  |
| TITLE OF INVENTION   |  |  |  |  |  |  |  |  |
| YAMAGATA et al.  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US  |  |  |  |  |  |  |  |  |
| ANALYZER-FEEDER DEVICE   |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States De   | signated/Elected Office (DO/EO/US) the following | owing items and other information:                         |  |  |  |  |  |  |
| <ol> <li>[X] This is a FIRST submission of items cond</li> <li>[ ] This is a SECOND or SUBSEQUE</li> </ol>   |  | nder 3511 S.C. 371   |  |  |  |  |  |  |
| 3. [X] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay  |  |  |  |  |  |  |  |  |
| examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).  1. [x] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. |  |  |  |  |  |  |  |  |
|  | •  | , , , , , , , , , , , , , , , , , , ,                      |  |  |  |  |  |  |
| 5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [ ] is transmitted herewith (required only if not transmitted by the International Bureau).   |  |  |  |  |  |  |  |  |
| b. [X] has been transmitted by the International Bureau.   |  |  |  |  |  |  |  |  |
| c. [ ] is not required, as the applicat  6. [x] A translation of the International Applicat  |  | g Office (RO/US)   |  |  |  |  |  |  |
|  | equired only if not transmitted by the Internati |  |  |  |  |  |  |  |
| <ul> <li>b. [ ] have been transmitted by the International Bureau.</li> <li>c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. [x] have not been made and will not be made.</li> </ul>             |  |  |  |  |  |  |  |  |
| 3. [ ] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |  |  |
| 9. [X] A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |  |  |
| <ol> <li>A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>   |  |  |  |  |  |  |  |  |
| Items 11. to 16. below concern document(s) or in 11. [x] An Information Disclosure Statement und   |  | erences.   |  |  |  |  |  |  |
| 12. [x] An assignment document for recording. A  | A separate cover sheet in compliance with 37 (   | CFR 3.28 and 3.31 is included.                             |  |  |  |  |  |  |
| 13. [ ] A FIRST preliminary amendment. [ ] A SECOND of SUBSEQUENT preli  | iminary amendment.                               |  |  |  |  |  |  |  |
| 14. [ ] A substitute specification.  |  |  |  |  |  |  |  |  |
| 15. [ ] A change of power of attorney and/or   | r address letter.                                |  |  |  |  |  |  |  |
| 16. [X] Other items or information: International PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/30   |  | n, Application Data Sheet, Form PCT Request, Form Prawings |  |  |  |  |  |  |

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U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)
Unknown 10/544089 INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/JP2004/000724 10921.343USWO BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)): [X] a) Basic National fee.....\$300.00 \$300.00 [X] b) Examination fee.....\$200.00 \$200.00 [X] c) Search fee.....\$500.00 \$500.00 \$1000.00 TOTAL OF ABOVE CALCULATIONS = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or Rate fraction thereof (round up to a whole number \$0.00 -100 = 0/50 =X \$250.00 44 Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 \$ months from the earliest claimed priority date (37 CFR 1.492(e)). NUMBER FILED **NUMBER EXTRA** RATE **CLAIMS** 29 9 X \$50.00 \$450.00 Total claims -20 =2 0 X \$200.00 \$0.00 -3 = l Independent claims MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ \$1450.00 TOTAL OF ABOVE CALCULATIONS = Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27 \$ \$1450.00 SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f). \$1450.00 **TOTAL NATIONAL FEE =** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$40.00 \$1490.00 TOTAL FEES ENCLOSED = Amount to be: refunded charged

- I. [X] Check(s) in the amount of \$1450.00 and \$40.00 to cover the above fees is enclosed.
- b. [ ] Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Douglas P. Mueller

Hamre, Schumann, Mueller & Larson, P.C.

P.O. Box 2902-0902

Minneapolis, MN 55402

SIGNATURE:

NAME: Douglas P Mueller

**REGISTRATION NUMBER: 30,300** 

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## IN THE UNITED STATES PATENT AND TRADEMARY OFFICE

Applicant:

YAMAGATA et al.

Docket:

10921.343USWO

Title:

ANALYZER-FEEDING DEVICE

**CERTIFICATE UNDER 37 CFR 1.10:** 

"Express Mail" mailing label number: ED769617233US

Date of Deposit: 28 JULY 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

By: VIV

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 24 pgs; Claims 11 pgs; Abstract 1 pgs. The fee has been calculated as shown below in the 'Claims as Filed' table.
- □ 12 sheets of formal drawings
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to ARKRAY, Inc., Recordation Form Cover Sheet
- Checks in the amount of \$1450.00 to cover the Filing Fee and \$40.00 to cover the Assignment Recording Fee
- Information Disclosure Statement, Form 1449, 11 reference(s).
- Application Data Sheet, 4 pages.
- Other: International Publication Page, Verification of Translation, Form PCT Request, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IB/332, Form PTO-1390
- Return postcard

## **CLAIMS AS FILED**

| Number of Claims Filed        | No. | In Excess of | Extra | Rate   |   | Fee       |
|-------------------------------|-----|--------------|-------|--------|---|-----------|
| Total Claims                  | 29  | 20           | 9     | 50.00  | = | 450.00    |
| Independent Claims            | 2   | 3            | 0     | 200.00 | = | 0.00      |
| Multiple Dependent Claims Fee |     |              |       |        | = | 0.00      |
| Basic Filing Fee              |     |              |       | ·      | = | 300.00    |
| Search Fee                    |     | · •          | ·     |        | = | 500.00    |
| Examination Fee               |     |              |       |        | = | 200.00    |
| Utility Application Size Fee  | 44  | 100          | 0     | 250.00 | = | 0.00      |
|                               |     |              |       |        |   |           |
| Total                         |     |              |       |        | = | \$1450.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402 612.455-3800

Name: Douglas R Mueller

Reg. No.: 30,300 Initials: DPM/hjm

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PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)